

# Notice of Allowability

Applicati n No.

09/972,075

Examin r

Haythim J. Alaubaidi

Applicant(s)

BOUDRIS ET AL.

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-- The MAILING DATE of this c mmunication appears n the c ver sheet with th c resp nd nce address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment of June 1, 2004.
2. ☒ The allowed claim(s) is/are 1-18.
3. ☒ The drawings filed on 29 January 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) f each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachm nt(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

SAFET METJAHIC

SUPERVISORY PATENT EXAMINER  
BIOLOGY CENTER 2100

### **DETAILED ACTION**

1. This communication is in response to the Amendment of June 1, 2004.
2. Claims 1-18 are presented for examination following the amendment of June 1, 2004.
3. Claims 1-18, are allowed over the prior art of record following the Examiner Amendment.

### **EXAMINER'S AMENDMENT**

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with the Applicant representative Mr. Leonard Kalinowski (414) 298-8359 on December 6, 2004.

The Application was amended as follows:

Claim 1. A systems for processing a data file that includes a plurality of versioned records which are of a fixed length, said system comprising:  
an input vertical stack processor including a record transitioning routine for

determining when a [said one] record is a previous record version from said plurality of versioned records and for transitioning the previous record version of said one record into a current record version of said one record for use in creating an application input file, wherein each of said records contain at least one field containing data and a reserve area for accommodating changes, said input vertical stack processor allowing individual records to grow horizontally by using reserved unused space and vertically by adding records to the set without requiring all existing users to make synchronized changes; and an application processor for processing said application input file.

Claim 7. A system for processing a data file that includes a plurality of versioned records which are of a fixed length, said system comprising:

an input vertical stack processor including a record transitioning routine for determining when a [said one] record is a previous record version from said plurality of versioned records and for transitioning the previous record version of said one record into a current record version of said one record for use in creating an application input file, wherein each input record of said plurality of records includes a version number which indicates if a record is a current version or a previous version, wherein said record transitioning routine uses the version number to determine if a record is a previous version; an application processor for processing said application input file; and

an output vertical stack processor responsive to said application processor for producing a destination file including a plurality of records wherein each record includes at least current record versions for each record of said data file, and for writing the current record version of each record to the destination file.

***Allowable Subject Matter***

5. Claims 1-18, are allowable over the prior art of record following the Examiner Amendment above.
6. The following is the Examiner's statement of reasons for the indication of allowable subject matter:

Regarding Claims 1 and 10, Applicant's particular system for processing a fixed length data record with a plurality of versions is the feature wherein each of the records contain at least one field containing data and a reserved area for accommodating changes, the input vertical stack processor allowing individual records to grow horizontally by using reserved unused space and vertically by adding records to the set without recurring all existing users to make synchronized changes in combination with the other limitations of the claims, was not disclosed by, would not have been obvious over, nor would have been fairly suggested by the prior art of record or that encountered in searching of the prior art.

The dependent Claims 2-6, being further limiting to independent Claim 1 definite and enabled by the Specification are also allowed.

Regarding Claims 7 and 11, Applicant's particular system for processing a fixed length data record with a plurality of versions is the combinations of an output vertical stack processor responsive to the application processor for producing a destination file including a plurality of records wherein each record includes at least current record version for each record of the data file, and for writing the current record version of each record to the destination file, in combination with the limitations of wherein the output vertical stack processor supplements data contained in at least one record of the plurality of records with data for at least one previous version of one record prior to writing one record to the destination file in combination with the other limitations of the claims, was not disclosed by, would not have been obvious over, nor would have been fairly suggested by the prior art of record or that encountered in searching of the prior art.

The dependent Claims 8-9, being further limiting to independent Claim 7 definite and enabled by the Specification are also allowed.

Regarding Claim 12, Applicant's particular method for processing a fixed length data record with a plurality of versions is moving one input record to a first work area of

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a memory, the first work area defining data fields for one input record, initializing a second work area of the memory with default values for the current version of one input record, with the default values contained in data fields of the current version of the one input record, and moving data contained in the data fields of the one input record in the first memory work area to corresponding data fields of the current version of the one input record in the second memory work area, whereby the second memory work area contains one input record transitioned to the current version of the record in combination with the other limitations of the claims, was not disclosed by, would not have been obvious over, nor would have been fairly suggested by the prior art of record or that encountered in searching of the prior art.

The dependent Claims 13-18 being further limiting to independent Claim 12; definite and enabled by the Specification are also allowed.

***Points of Contact***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Haythim J. Alaubaidi whose telephone number is (571) 272-4014. The examiner can normally be reached on Monday - Friday from 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic, can be reached on (571) 272-4023.

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Any response to this office action should be mailed to:


The Commissioner of Patents and Trademarks, Washington, D.C. 20231 or telefax at our fax number (703) 872-9306.

Hand-delivered response should be brought to Crystal Park II, 2121 Crystal Drive, 6<sup>th</sup> Floor Receptionist, Arlington, Virginia. 22202.

*Haythim J. Alaubaidi*

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Patent Examiner  
Technology Center 2100  
Art Unit 2161  
December 7, 2004

  
SAFET METJAGIC  
ASSISTANT PATENT EXAMINER  
TECHNOLOGY CENTER 2100